



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 13, 2008

BENEFICIAL RAINS ARRIVE

This past week’s weather featured two cold fronts which moved through the State beginning on Thursday bringing some much needed rain to most areas. These showers helped to offset above normal temperatures that reached into the mid-to-high 90s. Additionally, the timely moisture came as the majority of the corn crop was in the crucial pollination phase. As of Sunday, the State’s major row crops were developing behind both last year and the 5-year average. Crop condition ratings remained mostly in the fair-to-good categories. Tobacco growers began topping their plants last week at a pace slightly ahead of normal. Other field activities last week included applying fungicides to corn and soybeans, applying growth regulators and insecticides to cotton, and picking vegetables.

There were 5 days considered suitable for fieldwork last week. As of Friday, topsoil moisture levels were rated 11 percent very short, 34 percent short, 53 percent adequate, and 2 percent surplus. Subsoil moisture levels were rated 19 percent very short, 34 percent short, 45 percent adequate, and 2 percent surplus. Temperatures across the State last week were 1 to 2 degrees above normal. Precipitation averaged below normal on the Plateau, but above normal elsewhere.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2007	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	77	61	91	90	Corn	2	6	27	51	14
Corn – Dough	6	n/a	26	23	Cotton	0	4	18	66	12
Cotton – Squaring	82	68	96	94	Hay	4	12	35	41	8
Cotton – Setting Bolls	14	n/a	33	29	Pastures	4	17	39	35	5
Soybeans – Emerged	95	86	99	98	Soybeans	2	7	25	53	13
Soybeans – Blooming	38	23	50	43	Tobacco	0	4	27	59	10
Soybeans – Setting Pods	15	n/a	21	18						
Tobacco – Topped	10	n/a	9	8						

n/a = not available

County Agent Comments

“There have been replants due to spotty/skippy stands mostly because of lack of moisture. Beans have been getting fungicide applications along with a surprising amount of corn. Cotton is in pretty good shape overall but obviously behind due to later planting, with some growth regulator and insecticides being applied. The tomato crop has shaped up rather nicely this year with a lot being picked at this time.”

James Griffin, Lauderdale County

“The county had scattered rainfall over the past seven days. Some rain settled the dust while reported rainfall in other areas was close to 1 inch.”

Kenneth Herndon, Carroll County

“It’s amazing what a little moisture, actually a lot of moisture, can do! Conditions changed drastically over the past week as significant rainfall fell across the entire county. Soybeans really jumped out of the ground and are all emerged. About a quarter of the tobacco crop has been topped.”

John Bartee, Montgomery County

“Crops and pasture are doing well in areas that have gotten rain. The rest need rain as they are showing signs of drought stress. Some second cutting of hay is under way. The hay supply is much improved compared to last year but many farmers are hoping for a second cutting to have the amount they need for the winter. Cattle condition looks fair to good.”

Richard Groce, Maury County

“Decent rainfall over the past week has led to improved pasture and hay conditions. This year’s corn crop is one of the best in recent years and will certainly benefit from the much needed rain.”

Chris Hicks, Van Buren County

“Parts of our county experienced flash flooding earlier in the week, and the entire county has received a welcome rain over the past several days. Rainfall totals are about 3 inches for the week.”

Jonathan Rhea, Jefferson County

TEMPERATURES AND PRECIPITATION For week ending: July 13, 2008 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 13, 2008				Current Week 7/13/08	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
Ames_Plantation	95	68	82	3	0.86	2	38.68	8.69	23.00	6.96
Tri-City_RGNL_A	91	62	76	2	1.74	4	19.54	-3.50	8.62	-3.94
Brownsville_TN	95	71	83	3	0.70	4	34.02	4.03	17.77	1.74
Chattanooga/Lov	96	68	82	4	0.22	2	22.76	-7.35	8.62	-5.59
Clarksville_Sew	95	69	81	4	3.21	4	31.44	3.25	18.31	3.94
Cookeville	90	62	76	0	1.79	3	27.49	-4.16	14.57	-1.88
Covington	95	68	81	2	0.26	2	33.69	3.98	18.03	2.18
Crossville_AP	88	63	76	3	1.12	4	27.95	-3.41	14.78	-1.38
Dayton	95	64	80	4	0.62	4	22.71	-8.76	10.41	-4.86
Dickson_AG	92	68	79	2	3.20	5	33.74	3.31	18.82	2.57
Dover_1W	95	69	81	5	2.98	3	35.91	6.56	18.55	3.27
Dyersburg	99	72	84	5	1.03	3	25.56	-2.72	12.02	-3.28
Erwin_1W	91	62	75	4	1.19	5	20.18	-7.23	10.39	-5.37
Huntingdon_Wate	95	68	81	4	2.10	1	35.25	5.61	18.65	2.93
Jackson_Exp_Stn	96	69	82	4	4.56	3	41.19	11.25	22.47	5.96
Kingston_AG	92	66	80	5	0.67	3	24.54	-8.16	11.68	-4.77
Knoxville_AP	93	67	80	4	1.39	4	23.06	-4.26	10.84	-3.02
Lewisburg	96	65	81	5	0.58	4	25.82	-5.29	14.02	-2.35
Lexington_TN	95	66	81	2	1.57	4	40.58	11.82	23.22	7.81
Linden	95	64	80	4	1.49	2	37.48	5.85	20.39	3.92
Martin	96	69	82	5	2.22	4	34.38	4.68	16.54	0.25
Mc_Minnville_Tn	94	67	80	3	1.50	6	22.00	-8.36	11.91	-3.86
Memphis_AG	96	71	83	1	0.63	2	39.62	10.41	22.32	6.78
Milan	97	66	82	5	1.47	2	39.24	8.66	22.09	5.30
Murfreesboro_5N	93	63	79	3	0.65	3	26.18	-3.48	14.03	-1.69
Nashville_Metro	95	69	81	3	2.58	2	30.88	4.03	18.06	3.60
Newcomb	90	61	74	2	2.24	5	23.75	-6.78	13.22	-3.29
Oneida	89	62	75	3	1.78	4	18.51	-12.02	12.78	-3.73
Portland_TN	93	67	79	3	2.16	5	31.72	2.41	17.41	1.56
Pulaski_Water_P	95	65	80	2	0.57	2	30.15	-1.00	16.08	0.50
Savannah_6SW	97	69	82	4	2.45	3	37.84	5.10	20.79	3.69
Sparta_TN	92	66	78	3	2.07	4	29.05	-1.74	17.03	0.96
Springfield	97	67	80	4	2.81	3	32.00	3.84	18.54	3.41
Springhill	94	64	80	3	1.64	3	28.09	-3.17	16.46	-0.01
Union_City	94	66	80	2	1.69	4	31.98	2.73	15.78	-0.12
Waynesboro_TN	94	65	81	5	1.60	5	33.22	0.43	19.02	2.19

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.
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